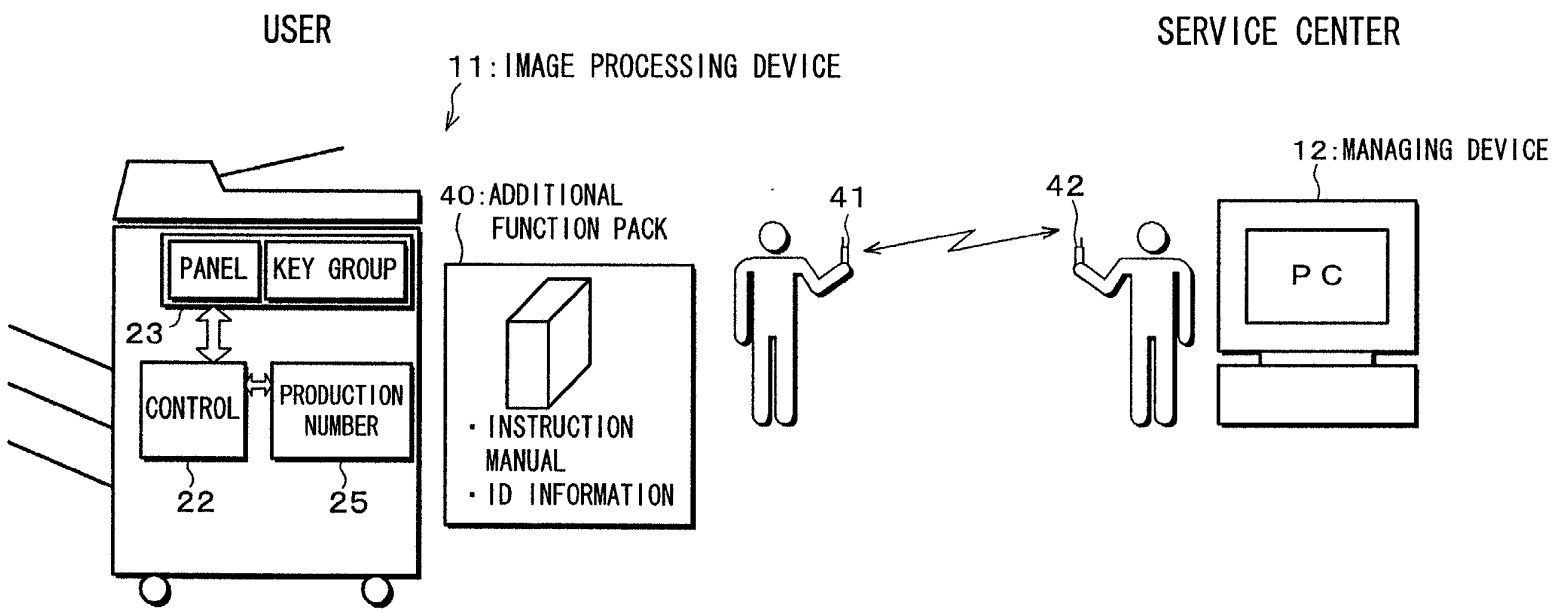
FIG. 1


USER
SERVICE CENTER
11:IMAGE PROCESSING DEVICE
12:MANAGING DEVICE
40:ADDITIONAL FUNCTION PACK
41
42
PANEL
KEY GROUP
23
CONTROL
PRODUCTION NUMBER
22
25
・INSTRUCTION MANUAL
・ID INFORMATION
PC

T027h0 8E0EE860

FIG. 2

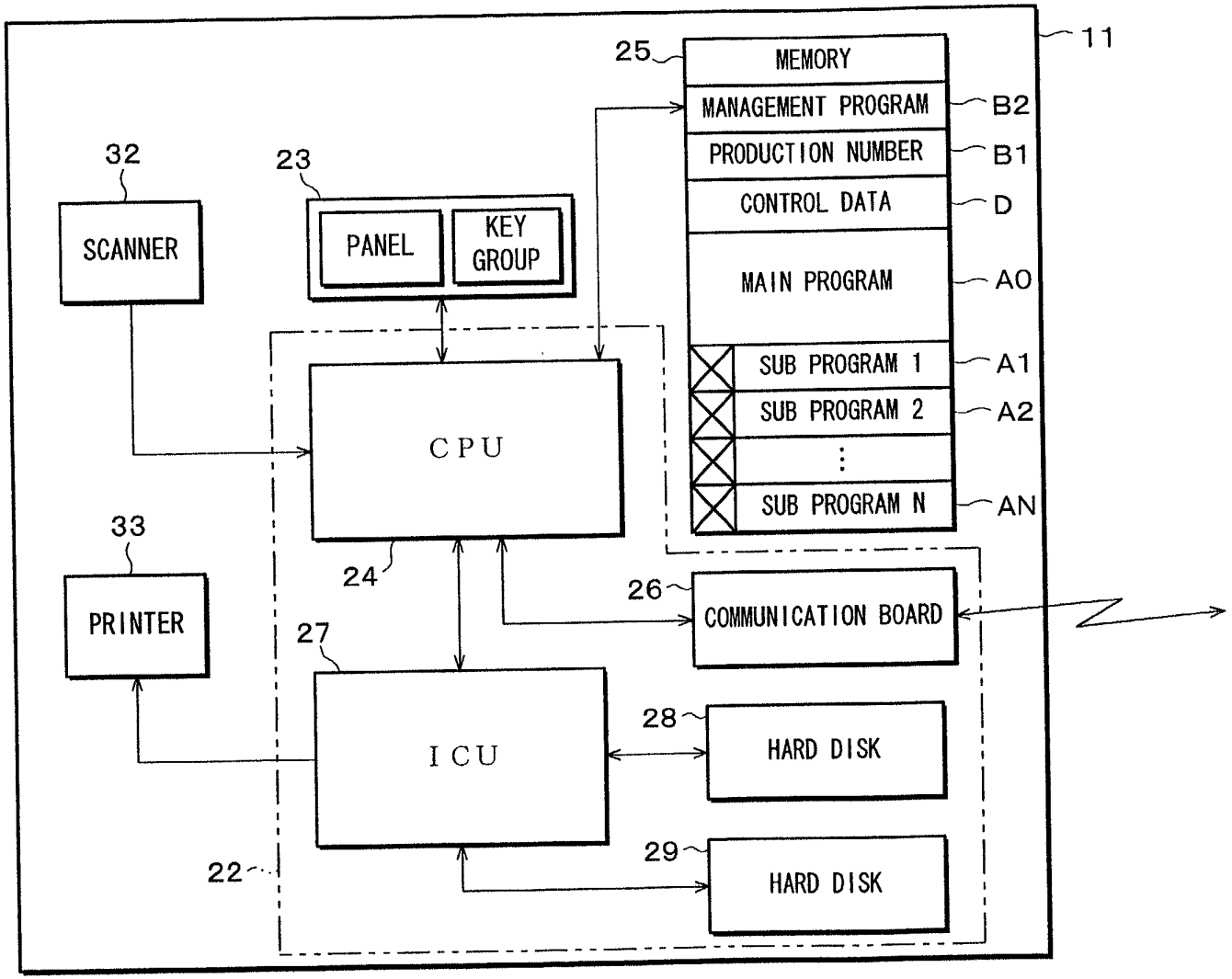


FIG. 3

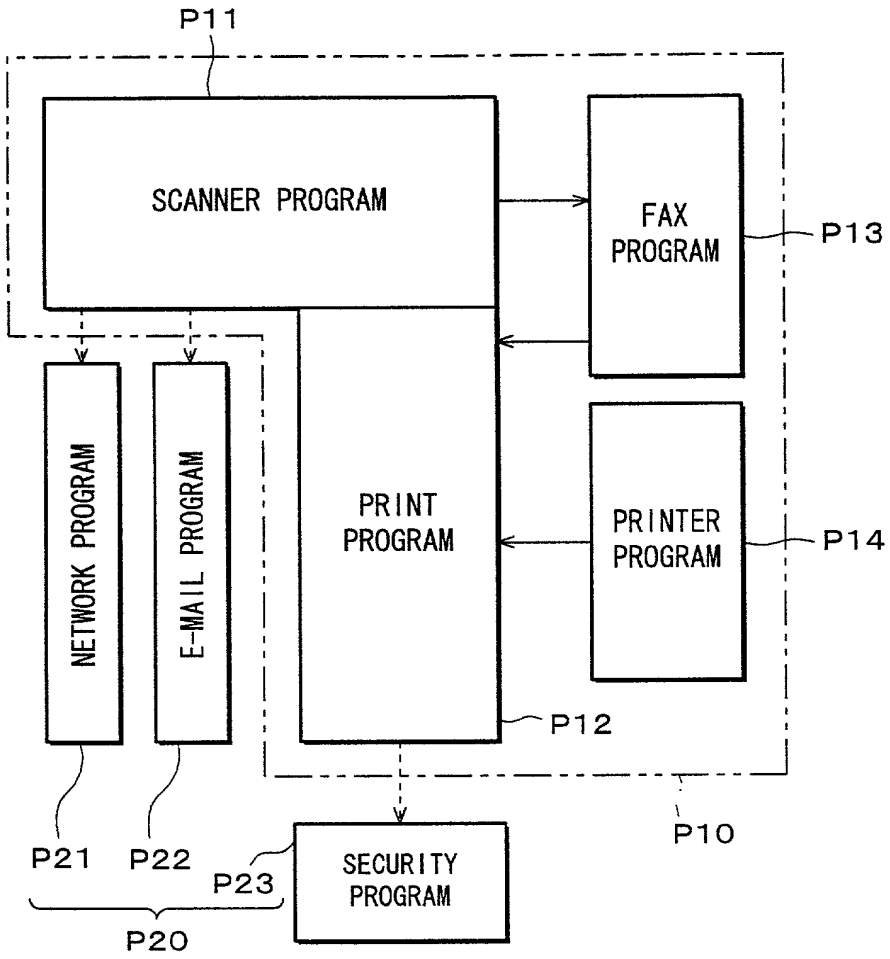

P11
SCANNER PROGRAM
FAX PROGRAM
P13
NETWORK PROGRAM
E-MAIL PROGRAM
PRINT PROGRAM
PRINTER PROGRAM
P14
P12
P10
P21
P22
P23
SECURITY PROGRAM
P20

FIG. 4

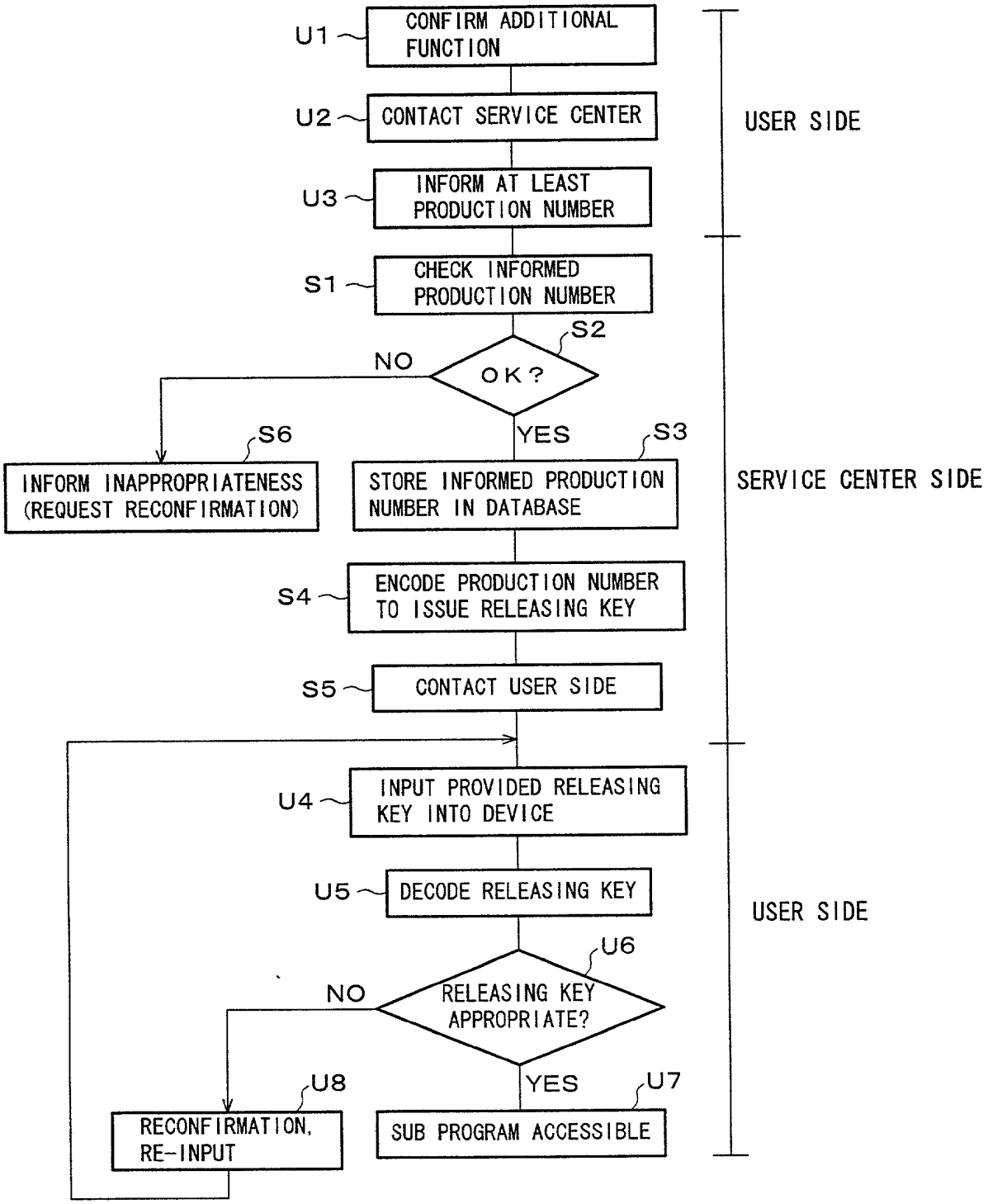

U1
CONFIRM ADDITIONAL FUNCTION
U2
CONTACT SERVICE CENTER
U3
INFORM AT LEAST PRODUCTION NUMBER
USER SIDE
S1
CHECK INFORMED PRODUCTION NUMBER
S2
OK?
NO
YES
S6
INFORM INAPPROPRIATENESS (REQUEST RECONFIRMATION)
S3
STORE INFORMED PRODUCTION NUMBER IN DATABASE
SERVICE CENTER SIDE
S4
ENCODE PRODUCTION NUMBER TO ISSUE RELEASING KEY
S5
CONTACT USER SIDE
U4
INPUT PROVIDED RELEASING KEY INTO DEVICE
U5
DECODE RELEASING KEY
U6
RELEASING KEY APPROPRIATE?
NO
YES
U8
RECONFIRMATION, RE-INPUT
U7
SUB PROGRAM ACCESSIBLE
USER SIDE

FIG. 5

PRODUCTION NUMBER	EXTENSION FUNCTION: TYPE 1	DATE OF EXTENSION	RELEASING KEY	EXTENSION FUNCTION: TYPE 2	DATE OF EXTENSION	RELEASING KEY
901XXX	AXXX00	99.11.10	XXXX	BXX000	99.11.10	XXXX
901XXX	AXXXX0	99.11.25	XXXX	———	———	———
910XXX	AXX000	99.11.15	XXXX	———	———	———
911XXX	BXXX00	99.12. 1	XXXX	———	———	———
912XXX	AXXXXX	99.12.20	XXXX	BXX000	99.12.20	XXXX
914XXX	BXXXX0	99.11.28	XXXX	———	———	———

FIG. 6

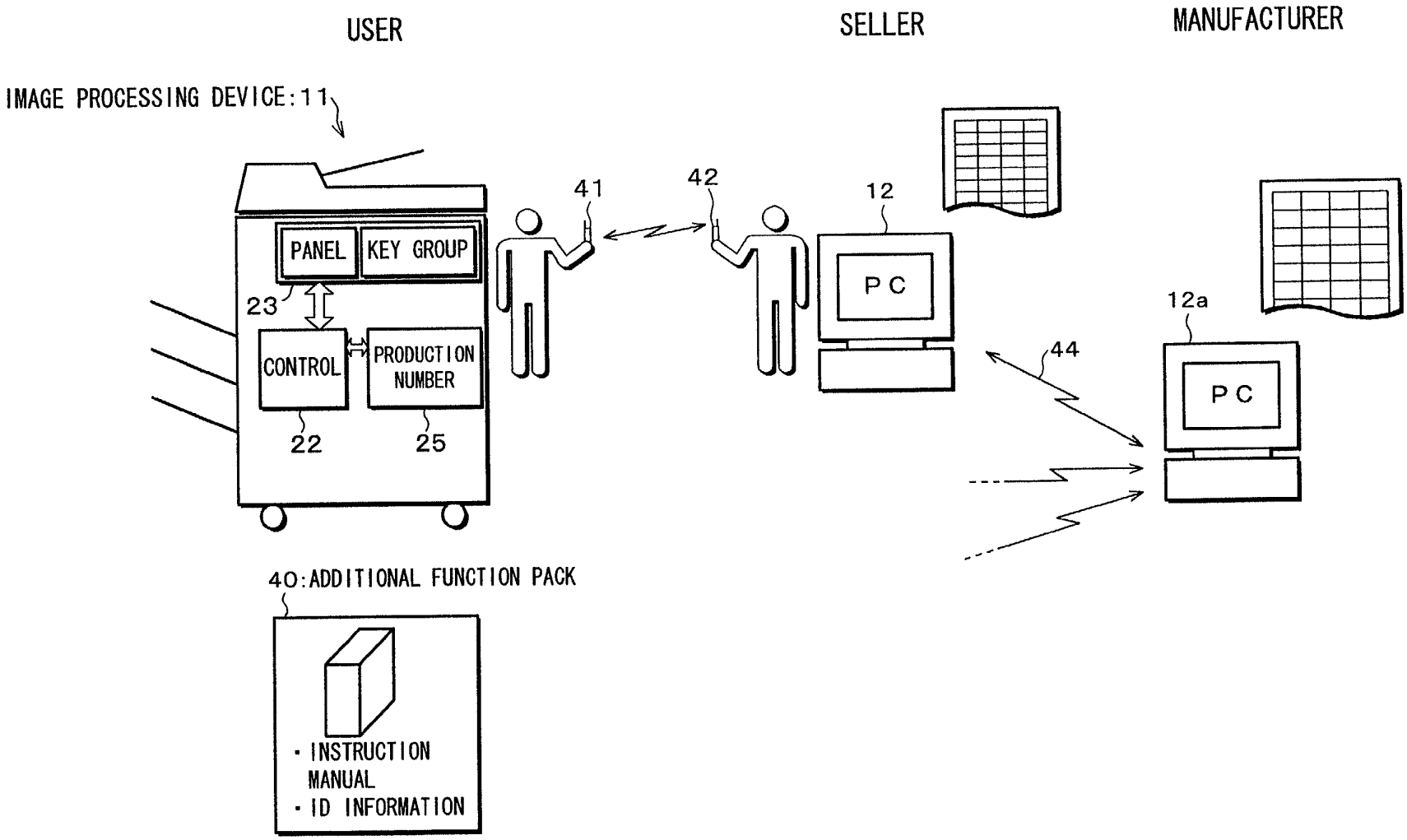

USER
SELLER
MANUFACTURER
IMAGE PROCESSING DEVICE:11
PANEL
KEY GROUP
23
CONTROL
PRODUCTION NUMBER
22
25
41
42
12
PC
44
12a
PC
40:ADDITIONAL FUNCTION PACK
・INSTRUCTION MANUAL
・ID INFORMATION

FIG. 7

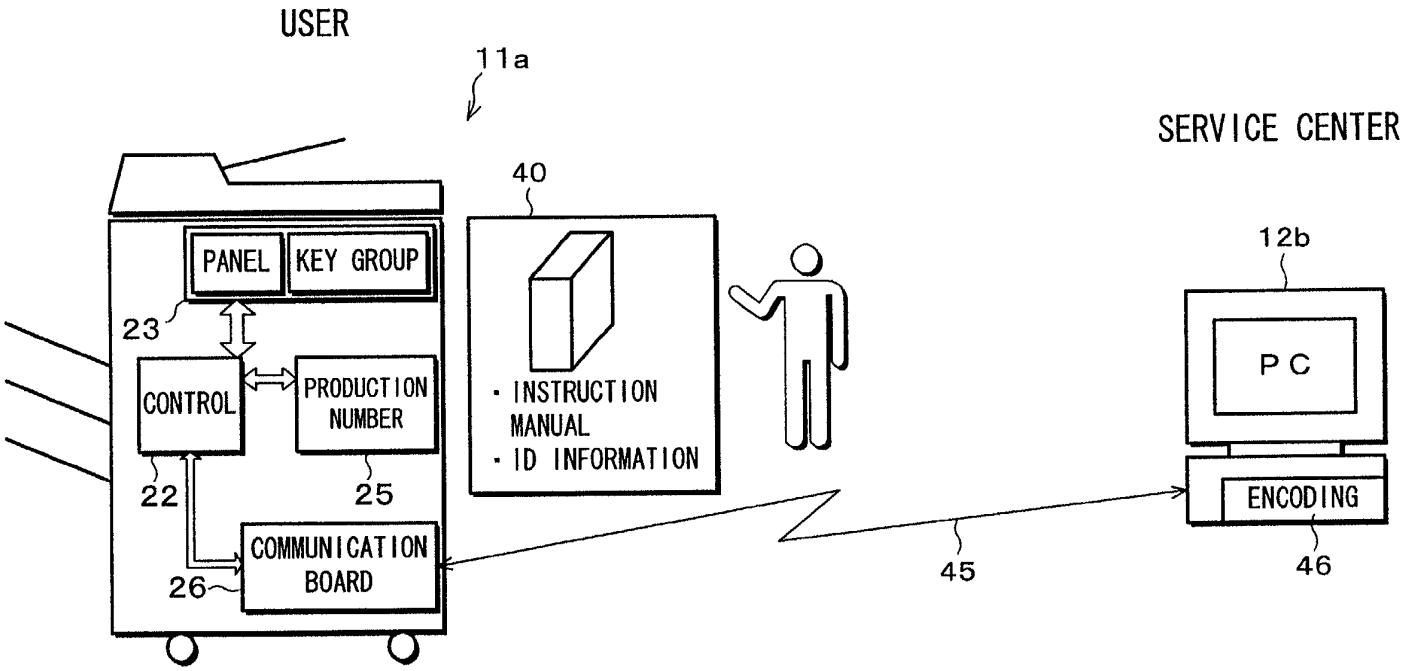
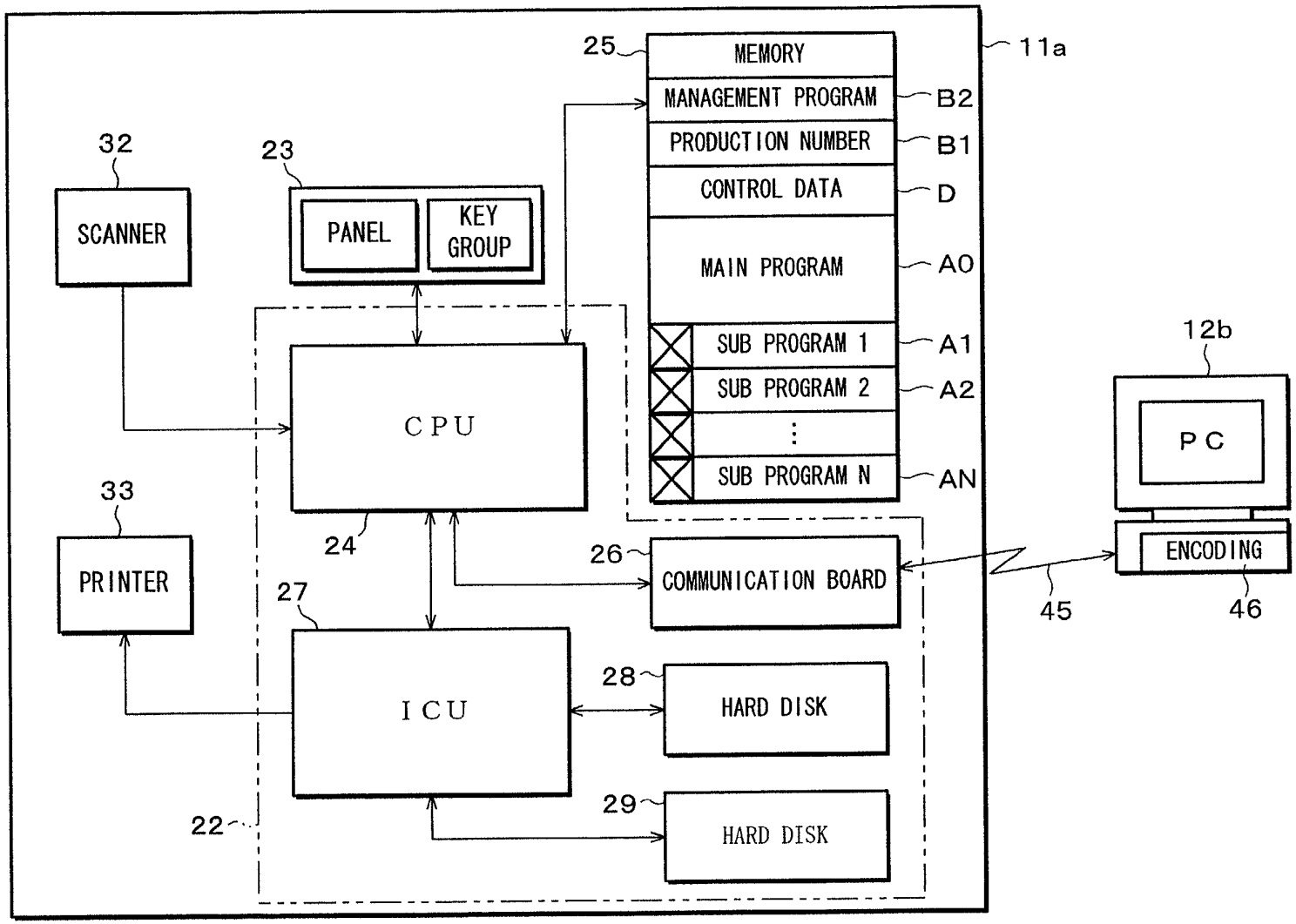

USER
11a
SERVICE CENTER
40
PANEL
KEY GROUP
23
CONTROL
PRODUCTION NUMBER
22
25
COMMUNICATION BOARD
26
· INSTRUCTION MANUAL
· ID INFORMATION
12b
PC
ENCODING
46
45

FIG. 8


11a
25
MEMORY
MANAGEMENT PROGRAM
B2
PRODUCTION NUMBER
B1
CONTROL DATA
D
MAIN PROGRAM
A0
SUB PROGRAM 1
A1
SUB PROGRAM 2
A2
SUB PROGRAM N
AN
32
SCANNER
23
PANEL
KEY GROUP
CPU
24
33
PRINTER
26
COMMUNICATION BOARD
27
ICU
28
HARD DISK
29
HARD DISK
22
12b
PC
ENCODING
45
46

Scanned with CamScanner

FIG. 9

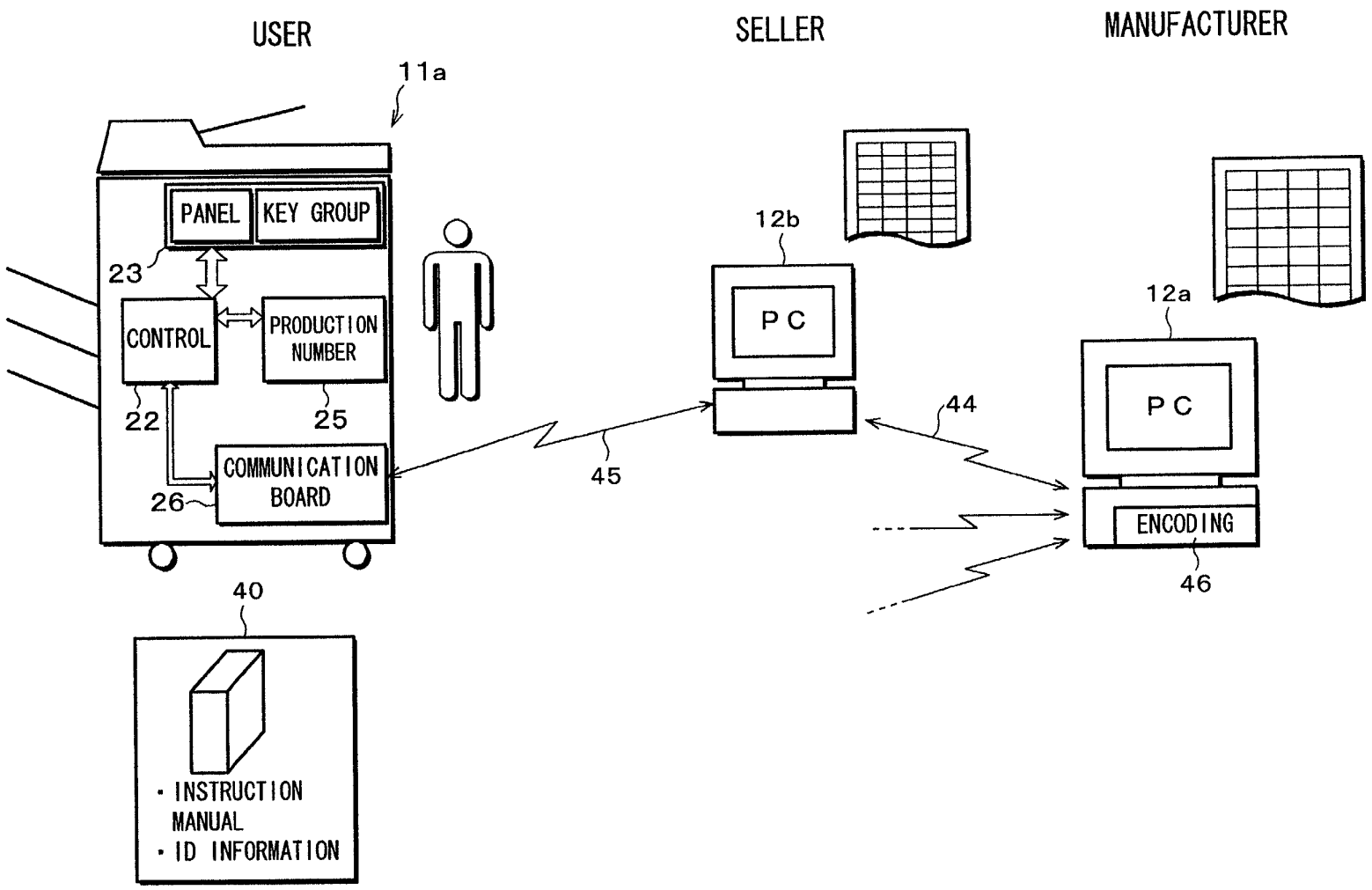
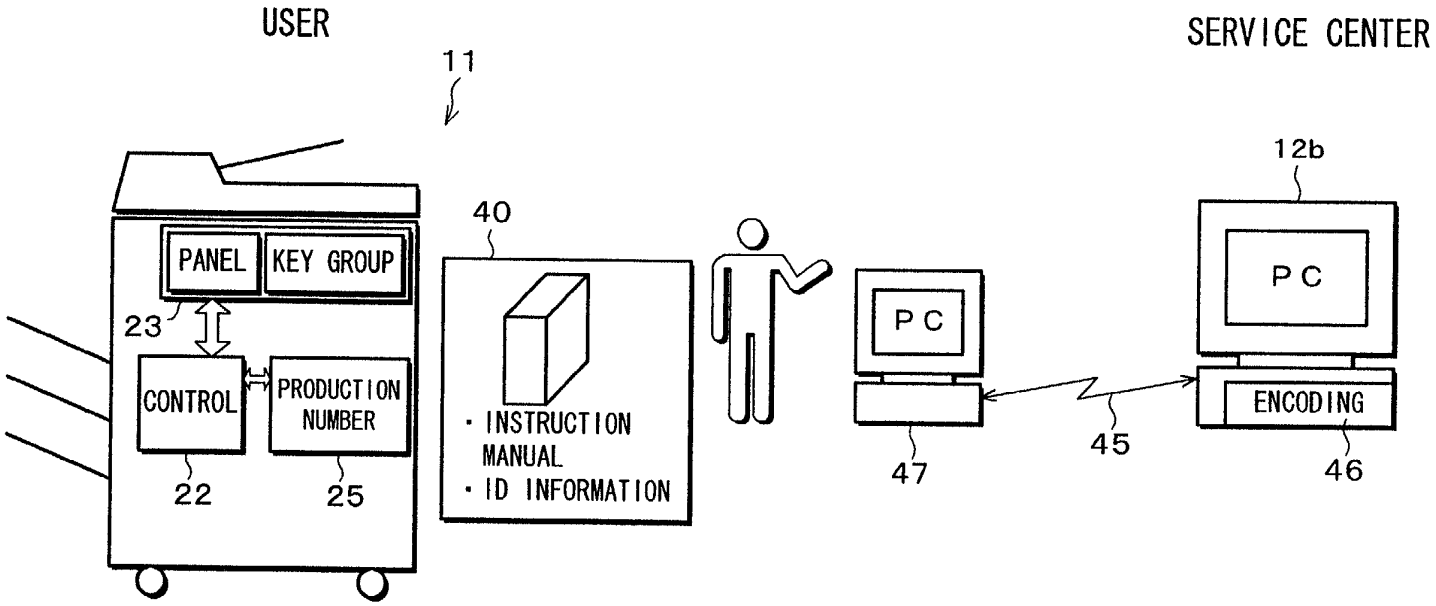


FIG. 10


USER
SERVICE CENTER
11
12b
40
PANEL
KEY GROUP
23
CONTROL
PRODUCTION NUMBER
22
25
· INSTRUCTION MANUAL
· ID INFORMATION
PC
PC
ENCODING
45
47
46

Patent Pending

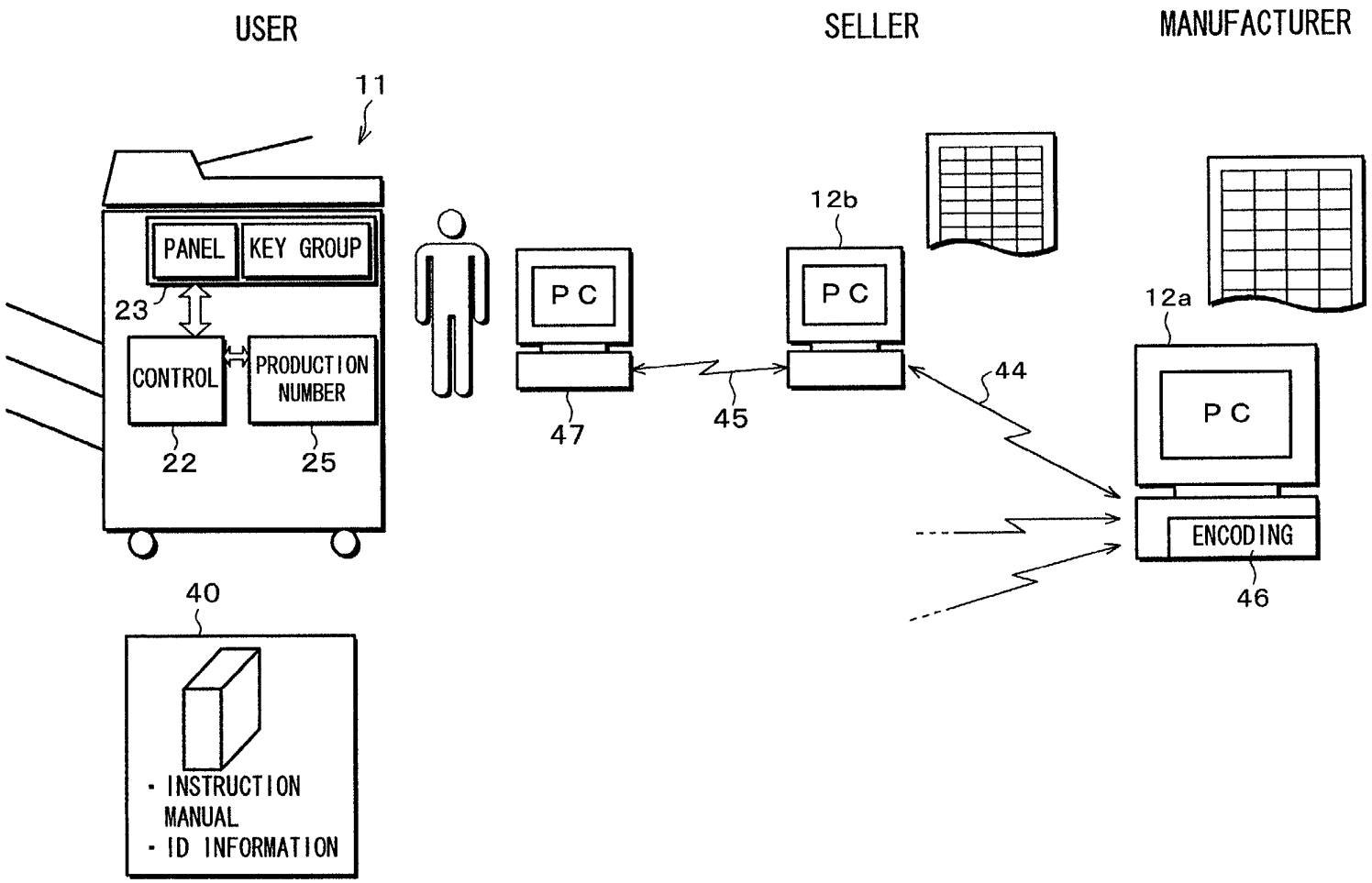



FIG. 11